Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for identifying a calling party number of a switching system comprising ~~the steps of~~:

checking whether a termination subscriber has registered for a calling party number call-back service when a call set-up is requested;

storing the terminated calling party number of an origination subscriber if the termination subscriber has registered for the calling party number call-back service; and

announcing the stored calling party number if a calling party number confirming request is received from the termination subscriber.

2.   (Currently Amended) The method of claim 1, wherein ~~the step of~~ <u>identifying</u> a calling party number comprises:

requesting a calling party number from the origination processing unit if the requested call is an intra-office call;

checking whether an switching system of an intra-office is a single station when the calling party number is informed; and

storing the calling party number informed by the origination processing unit in a

data base if the switching system of an intra-office is a single station

3.   (Original) The method of claim 1, wherein the calling party number is not stored if

the termination terminal is busy.

4.   (Currently Amended) The method of claim 1, wherein ~~the step of~~ storing a calling

party number comprises:

requesting a calling party number from the origination processing unit if the

requested call is an intra-office call;

checking whether a switching system of the intra-office is a multi-station when the

calling party number is informed;

comparing an area code of the calling party number informed by the origination

processing unit and an area code of its own office if the switching system of the intra-office is a

multi-station; and

storing only the calling party number if the two area codes are identical to each

other, [[or]] <u>and</u> storing both the area code and the calling party number if the two area codes are

different to each other.

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5.   (Currently Amended) The method of claim 1, wherein ~~the step of~~ storing a calling

party number comprises:

requesting the calling party number from the incoming processing unit if the

requested call is <u>not</u> an inter-office call;

comparing the area code of the calling party number informed by the incoming

trunk processing unit with the area code of its own office; and

storing only the called party number if the two area codes are identical to each

other, [[or]] <u>and</u> storing both area code and the calling party number if the two area codes are

not identical to each other.

6.   (Currently Amended) The method of claim 1, wherein ~~the step of~~ announcing a

calling party number comprises:

sensing input of a code from a termination subscriber;

checking whether the sensed code is a code for confirming the calling party

number; and

announcing the calling party number of the origination subscriber stored in the

memory in a predetermined form to the termination subscriber if the sensed code is a calling

party number confirmation code.

7.   (Original) The method of claim 6, wherein the predetermined form refers to a voice announcement or a display form.

8.   (Original) The method of claim 7, wherein in case that the announcement is made in a voice, a selection broadcast which allows selection of each calling party number is additionally outputted.

9.   (Original) The method of claim 7, wherein when the calling party numbers are displayed on a display unit, each calling party number is assigned with a number sequentially.

10.   (Original) A method for identifying a calling party number and calling back in a switching system, comprising:

checking whether a termination subscriber has registered for a calling party number call-back service when a call set-up is requested by an origination subscriber;

storing the calling party number of an origination subscriber if the termination subscriber has registered for the calling party number call-back service;

announcing the stored calling party number in a predetermined form when a calling party number confirmation request is inputted from the termination subscriber; and

calling back the origination subscriber with the calling party number when the calling party number call-back request is inputted from the termination subscriber.

11.   (Currently Amended) The method of claim 10, wherein ~~the step of~~ storing a

calling party number comprises:

requesting a calling party number from the origination processing unit if the

requested call is an intra-office call;

checking whether an switching system of an intra-office is a single station when

the calling party number is informed; and

storing the calling party number informed by the origination processing unit in a

data base if the switching system of an intra-office is a single station

12.   (Original) The method of claim 11, further comprising:

comparing an area code of the calling party number informed by the origination

processing unit and an area code of its own office if the switching system of the intra-office is a

multi-station; and

storing only the calling party number if the two area codes are identical to each

other, or storing both the area code and the calling party number if the two area codes are

different to each other.

13.   (Currently Amended) The method of claim 10, wherein ~~the step of~~ storing the calling party number comprises:

requesting the calling party number from the incoming processing unit if the requested call is <u>not</u> an inter-office call;

comparing the area code of the calling party number informed by the incoming processing unit with the area code of its own office; and

storing only the called party number if the two area codes are identical to each other, or storing both area code and the calling party number if the two area codes are not identical to each other.

14.   (Currently Amended) The method of claim 10, wherein ~~the step of~~ announcing the calling party number comprises:

sensing input of a code from a termination subscriber;

checking whether the sensed code is a code for confirming the calling party number; and

outputting the calling party number of the origination subscriber stored in the memory as an announcement or in a display form if the sensed code is a calling party number confirmation code.

15.   (Original) The method of claim 14, wherein when the calling party number is broadcast, a selection broadcast is additionally outputted to select a calling party number being currently broadcast.

16.   (Original) The method of claim 14, wherein when the calling party numbers are displayed, they are respectively assigned with a sequential number.

17.   (Currently Amended) The method of claim 10, wherein ~~the step of~~ calling back with a calling party number comprises:

sensing a code input from a termination subscriber;

checking whether the sensed code is a code for calling back with a calling party number;

sensing receipt of a calling party number selection code if the sensed code is the calling party number call-back code; and

searching a memory region for a calling party number corresponding to a pertinent code and calling back the origination subscriber when the calling party number selection code is inputted.

18.   (Original) A method for calling back with a calling party number of a switching

system, comprising:

checking whether a termination subscriber has registered for a calling party

number call-back service when a call set-up is requested;

storing the terminated calling party number of an origination subscriber if the

termination subscriber has registered for the calling party number call-back service in a database;

and

calling back the origination subscriber with the finally terminated calling party

number when a calling party number call-back request is inputted from a termination subscriber.

19.   (Currently Amended) The method of claim 18, wherein ~~the step of~~ storing a

calling party number comprises:

requesting a calling party number from the origination processing unit if the

requested call is an intra-office call;

checking whether an switching system of an intra-office is a single station when

the calling party number is informed;

storing the calling party number informed by the origination processing unit in a

data base if the switching system of an intra-office is a single station;

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comparing an area code of the calling party number informed by the origination

processing unit and an area code of its own office if the switching system of the intra-office is a

multi-station; and

storing only the calling party number if the two area codes are identical to each

AS   other, or storing both the area code and the calling party number if the two area codes are

different to each other.

20.   (Currently Amended) The method of claim 18, wherein ~~the step of~~ storing a

calling party number comprises:

requesting the calling party number from the incoming processing unit if the

requested call is not an inter-office call;

comparing the area code of the calling party number informed by the incoming

trunk processing unit with the area code of its own office; and

storing only the called party number if the two area codes are identical to each

other, or storing both area code and the calling party number if the two area codes are not

identical to each other.